

CARB MONTHLY QUALITY CONTROL MAINTENANCE CHECK SHEET

BAM-1020 SAMPLER

Site Name: _____ Month/Year: _____
 Site Number: _____ Sampler Make & Model: _____
 Operator/Agency: _____ Sampler ID Number: _____
 Date of Last Calibration: _____

Instrument Checks:

- 1) Daily checks: Review station data logger values for correct operation of BAM-1020.
- 2) Weekly checks: Check filter tape & replace when necessary (approx. 2 months per roll).
- 3) Bi-Weekly checks: Perform BAM-1020 flow and leak check.
- 4) Monthly checks: Complete and submit this Monthly Quality Control Check Sheet.
 Thoroughly clean both PM2.5 SCC and PM10 FRM inlets.
 Check pump muffler and replace when needed.
 Download and submit data from BAM-1020 data logger.
- 5) Semi-Annual: Calibrate BAM-1020 Date of Last Calibration: _____

Sampler Flow Rate, Ambient Temp and Pressure Check Results:

	Flow Rate Standard			Temperature Standard			Pressure Standard		
Standard Make/Model:									
Std. ARB ID Number:									
Std. Certification Date:									
Standard Slope:									
Standard Intercept:									
Date Checked:									
Std. Display Reading:									
Std. 'Actual' Reading:									
BAM-1020 Display:									
Design Flow % Diff.:									
Leak Check Value:									

Volumetric Flow Acceptance Criteria: $\leq \pm 4\%$ of 16.67 LPM (16.00 to 17.34 VLPM)

Operator Comments:

Reviewed by: _____ Date: _____